

| Application/Control No. | Applicant(s)/Patent under Reexamination MCDERMOTT, WILL & EMERY |  |  |  |  |  |  |  |
|-------------------------|---|--|--|--|--|--|--|--|
| 10/646,840              |   |  |  |  |  |  |  |  |
| Examiner                | Art Unit  |  |  |  |  |  |  |  |
| Dao H. Nguyen           | 2818  |  |  |  |  |  |  |  |

| 0           | RIGINAL                               |        | SSUE CLASSIFICATION CROSS REFERENCE(S) |                           |                  |                         |   |  |  |  |  |  |  |
|-------------|---------------------------------------|--------|--|---------------------------|------------------|-------------------------|---|--|--|--|--|--|--|
| CLASS       | SUBCLASS                              | CLASS  | SUBCLASS (ONE SUBCLASS PER BLOCK)      |                           |                  |                         |   |  |  |  |  |  |  |
| 257         | 288                                   | 257    | 204                                    | 393                       |                  |                         |   |  |  |  |  |  |  |
| INTERNATION | AL CLASSIFICATION                     |        |  |                           |                  |                         |   |  |  |  |  |  |  |
| H 0 1 L     | 29/76                                 |        |  |                           |                  |                         |   |  |  |  |  |  |  |
|             | /                                     |        |  |                           |                  |                         |   |  |  |  |  |  |  |
| 7           | /                                     |        |  |                           |                  |                         |   |  |  |  |  |  |  |
|             | 1                                     |        |  |                           |                  |                         |   |  |  |  |  |  |  |
|             | /                                     |        |  |                           | _                |                         |   |  |  |  |  |  |  |
|             | ł. Nguyen 03/1:<br>tant Examiner) (Da |        | C                                      | David 1                   |                  | Total Claims Allowed: 5 |   |  |  |  |  |  |  |
|             | tink :                                |        | ī                                      | tent Exami<br>Center 2800 | O.G<br>Print Cla | O.G.<br>Print Fig.      |   |  |  |  |  |  |  |
| (Legal Inst | ruments Examiner)                     | (Date) | (Prin                                  | nary Examine              | r) (             | 1                       | 3 |  |  |  |  |  |  |

| E           |       | Claims renumbered in the same order as presented by applicant |     |       |          |   |       |          |   |       | □ CPA □  |  |       | T        | ☐ T.D.   |           | ☐ R.1.47 |          |          |          |
|---|-------|---|-----|-------|----------|---|-------|----------|---|-------|----------|--|-------|----------|----------|-----------|----------|----------|----------|----------|
| 2         32         62         92         122         152         182           3         34         64         94         124         154         183           6         35         65         95         125         155         186           7         37         67         97         127         157         187           8         38         68         98         128         158         188           9         10         40         70         100         130         160         190           11         41         71         101         131         161         191           12         42         72         102         132         162         192           13         43         73         103         133         163         193           14         44         74         104         134         164         194           15         45         75         105         135         165         196           16         46         76         106         136         166         196           17         47         77 <t< td=""><td>Final</td><td>Original</td><td></td><td>Final</td><td>Original</td><td></td><td>Final</td><td>Original</td><td></td><td>Final</td><td>Original</td><td></td><td>Final</td><td>Original</td><td></td><td>Final</td><td>Original</td><td></td><td>Final</td><td>Original</td></t<> | Final | Original  |     | Final | Original |   | Final | Original |   | Final | Original |  | Final | Original |          | Final     | Original |          | Final    | Original |
| 3         33         63         93         123         153         183           4         34         64         94         124         154         184           5         36         65         95         125         155         185           6         36         66         96         126         156         186           7         37         67         97         127         157         187           8         38         68         98         128         158         188           9         39         69         99         129         159         189           10         40         70         100         130         160         190           11         41         71         101         131         161         191           11         41         71         101         131         161         191           11         41         71         101         131         161         191           12         42         72         102         132         162         192           13         43         73         103  |       | 1   | 1   |       | 31       |   |       | 61       |   |       | 91       |  |       |          |          |           |          |          |          |          |
| 4         34         64         94         124         154         184           5         35         65         95         125         155         185           6         36         66         96         126         156         186           7         37         67         97         127         157         187           8         38         68         98         128         158         188           9         39         69         99         129         159         189           10         40         70         100         130         160         190           11         41         71         101         131         161         191           12         42         72         102         132         162         192           13         43         73         103         133         163         193           14         44         74         104         134         164         194           15         45         75         105         135         165         195           16         46         76         106 <t< td=""><td></td><td>2</td><td>1</td><td></td><td>32</td><td>1</td><td></td><td>62</td><td>]</td><td></td><td>92</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>  |       | 2   | 1   |       | 32       | 1 |       | 62       | ] |       | 92       |  |       |          |          |           |          |          |          |          |
| 5         35         65         95         125         155         185           6         36         66         96         126         155         186           7         37         67         97         127         157         187           8         38         68         98         128         158         158         189           10         40         70         100         130         160         190  |       | 3   | 1   |       | 33       |   |       | 63       | ] |       | 93       |  |       | 123      |          |           |          |          |          |          |
| 6         36         66         96         126         156         186           7         37         67         97         127         157         187           8         38         68         98         128         158         188           9         39         129         159         189         189           10         40         70         100         130         160         190           11         41         71         101         131         161         191           11         41         71         101         131         161         191           12         42         72         102         132         162         192           13         43         73         103         133         163         193           14         44         74         104         134         164         194           15         45         75         105         135         165         195           16         46         76         106         136         166         196           17         47         77         107         137  |       | 4   | 1   |       | 34       | 1 |       | 64       |   |       | 94       |  |       | 124      |          |           |          |          |          |          |
| 7         37         67         97         127         157         187           8         38         68         98         128         158         188           9         39         129         159         189         189           10         40         70         100         130         160         190           11         41         71         101         131         161         191           12         42         72         102         132         162         192           13         43         73         103         133         163         193           14         44         74         104         134         164         194           15         45         75         105         135         165         195           16         46         76         106         136         166         196           17         47         77         107         137         167         197           18         48         78         108         138         168         198           19         19         19         109         139  |       | 5   | 1   |       | 35       | 1 |       | 65       |   |       | 95       |  |       |          |          |           |          |          |          |          |
| 8         38         68         98         128         158         188           9         39         69         99         129         159         189           10         40         70         100         130         160         190           11         41         71         101         131         161         191           12         42         72         102         132         162         192           13         43         73         103         133         163         193           14         44         74         104         134         164         194           15         45         75         105         135         165         195           16         46         76         106         136         166         196           17         47         77         107         137         167         197           18         48         78         108         138         168         198           19         19         19         19         199         199         169         199           20         50         80   |       | 6   | 1   |       | 36       |   |       |          |   |       |          |  |       |          |          |           |          |          |          |          |
| 9         39         129         159         189           10         40         70         100         130         160         190           11         41         71         101         131         161         191           12         42         72         102         132         162         192           13         43         73         103         133         163         193           14         44         74         104         134         164         194           15         45         75         105         135         165         195           16         46         76         106         136         166         196           17         47         77         107         137         167         197           18         48         78         108         138         168         198           19         20         50         80         110         140         170         200           21         51         81         111         141         171         201           22         52         82         112         142   |       | 7   | 1   |       | 37       | ] |       | 67       |   |       |          |  |       |          |          |           |          |          |          |          |
| 10         40         70         100         130         160         190           11         41         71         101         131         161         191           12         42         72         102         132         162         192           13         43         73         103         133         163         193           14         44         74         104         134         164         194           15         45         75         105         135         165         195           16         46         76         106         136         166         196           17         47         77         107         137         167         197           18         48         78         108         138         168         198           19         19         19         199         139         169         199           20         50         80         110         140         170         170           21         51         81         111         141         171         201           22         52         82         112 <td></td> <td>8</td> <td></td> <td></td> <td>38</td> <td></td> <td></td> <td>68</td> <td>]</td> <td></td>  |       | 8   |     |       | 38       |   |       | 68       | ] |       |          |  |       |          |          |           |          |          |          |          |
| 11         41         71         101         131         161         191           12         42         72         102         132         162         192           13         43         73         103         133         163         193           14         44         74         104         134         164         194           15         45         75         105         135         165         195           16         46         76         106         136         166         196           17         47         77         107         137         167         197           18         48         78         108         138         168         198           19         '49         79         109         139         169         199           20         50         80         110         140         170         200           21         51         81         111         141         171         201           22         52         82         112         142         172         202           23         53         83         113 <td></td> <td>9</td> <td>1</td> <td></td> <td>39</td> <td></td> <td></td> <td>69</td> <td>]</td> <td></td>  |       | 9   | 1   |       | 39       |   |       | 69       | ] |       |          |  |       |          |          |           |          |          |          |          |
| 12         42         72         102         132         162         192           13         43         73         103         133         163         193           14         44         74         104         134         164         194           15         45         75         105         135         165         195           16         46         76         106         136         166         196           17         47         77         107         137         167         197           18         48         78         108         138         168         198           19         '49         79         109         139         169         199           20         50         80         110         140         170         200           21         51         81         111         141         171         201           22         52         82         112         142         172         202           23         53         83         113         143         173         203           24         54         84         114 <td></td> <td>10</td> <td>1</td> <td></td> <td>40</td> <td>]</td> <td></td> <td>70</td> <td></td>   |       | 10  | 1   |       | 40       | ] |       | 70       |   |       |          |  |       |          |          |           |          |          |          |          |
| 13         43         73         103         133         163         193           14         44         74         104         134         164         194           15         45         75         105         135         165         195           16         46         76         106         136         166         196           17         47         77         107         137         167         197           18         48         78         108         138         168         198           19         19         79         109         139         169         199           20         50         80         110         140         170         200           21         51         81         111         141         171         201           22         52         82         112         142         172         202           23         53         83         113         143         173         203           24         54         84         114         144         174         204           25         55         85         115 <td></td> <td>11</td> <td>1</td> <td></td> <td>41</td> <td></td> <td></td> <td></td> <td>]</td> <td></td> <td>101</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>   |       | 11  | 1   |       | 41       |   |       |          | ] |       | 101      |  |       |          |          |           |          |          |          |          |
| 14         44         74         104         134         164         194           15         45         75         105         135         165         195           16         46         76         106         136         166         196           17         47         77         107         137         167         197           18         48         78         108         138         168         198           19         '49         79         109         139         169         199           20         50         80         110         140         170         200           21         51         81         111         141         171         201           22         52         82         112         142         172         202           23         53         83         113         143         173         203           24         54         84         114         144         174         204           25         55         85         115         145         175         205           26         56         86         116 <td></td> <td>12</td> <td>1</td> <td></td> <td>42</td> <td></td>  |       | 12  | 1   |       | 42       |   |       |          |   |       |          |  |       |          |          |           |          |          |          |          |
| 15         45         75         105         135         165         195           16         46         76         106         136         166         196           17         47         77         107         137         167         197           18         48         78         108         138         168         198           19         '49         79         109         139         169         199           20         50         80         110         140         170         200           21         51         81         111         141         171         201           22         52         82         112         142         172         202           23         53         83         113         143         173         203           24         54         84         114         144         174         204           25         55         85         115         145         175         205           26         56         86         116         146         176         206           27         57         87         117 <td></td> <td>13</td> <td>]</td> <td></td> <td>43</td> <td></td> <td></td> <td>73</td> <td>}</td> <td>,</td> <td></td>  |       | 13  | ]   |       | 43       |   |       | 73       | } | ,     |          |  |       |          |          |           |          |          |          |          |
| 16         46         76         106         136         166         196           17         47         77         107         137         167         197           18         48         78         108         138         168         198           19         19         109         139         169         199           20         50         80         110         140         170         200           21         51         81         111         141         171         201           22         52         82         112         142         172         202           23         53         83         113         143         173         203           24         54         84         114         144         174         204           25         55         85         115         145         175         205           26         56         86         116         146         176         206           27         57         87         117         147         177         207  |       | 14  | 1   |       | 44       | ] |       | 74       | ] |       | 104      |  |       |          |          |           |          |          |          |          |
| 17         47         77         107         137         167         197           18         48         78         108         138         168         198           19         49         79         109         139         169         199           20         50         80         110         140         170         200           21         51         81         111         141         171         201           22         52         82         112         142         172         202           23         53         83         113         143         173         203           24         54         84         114         144         174         204           25         55         85         115         145         175         205           26         56         86         116         146         176         206           27         57         87         117         147         177         207  |       | 15  | 1   |       | 45       |   |       | 75       |   |       | 105      |  |       |          |          |           |          |          |          |          |
| 18     48     78     108     138     168     199       20     50     80     110     140     170     200       21     51     81     111     141     171     201       22     52     82     112     142     172     202       23     53     83     113     143     173     203       24     54     84     114     144     174     204       25     55     85     115     145     175     205       26     56     86     116     146     176     206       27     57     87     117     147     177     207  |       | 16  | ]   |       | 46       |   |       | 76       |   |       |          |  |       |          |          |           |          |          | · .      |          |
| 19     '49     79     109     139     169     199       20     50     80     110     140     170     200       21     51     81     111     141     171     201       22     52     82     112     142     172     202       23     53     83     113     143     173     203       24     54     84     114     144     174     204       25     55     85     115     145     175     205       26     56     86     116     146     176     206       27     57     87     117     147     177     207   |       | 17  | 1   |       | 47       |   |       |          |   |       |          |  |       |          |          |           |          |          |          |          |
| 20         50         80         110         140         170         200           21         51         81         111         141         171         201           22         52         82         112         142         172         202           23         53         83         113         143         173         203           24         54         84         114         144         174         204           25         55         85         115         145         175         205           26         56         86         116         146         176         206           27         57         87         117         147         177         207   |       | 18  | 1   |       | 48       |   |       |          | ] |       | 108      |  |       |          |          |           |          |          |          |          |
| 21         51         81         111         141         171         201           22         52         82         112         142         172         202           23         53         83         113         143         173         203           24         54         84         114         144         174         204           25         55         85         115         145         175         205           26         56         86         116         146         176         206           27         57         87         117         147         177         207  |       | 19  | 1   |       | 149      |   |       |          |   |       |          |  |       |          |          |           |          |          |          |          |
| 22         52         82         112         142         172         202           23         53         83         113         143         173         203           24         54         84         114         144         174         204           25         55         85         115         145         175         205           26         56         86         116         146         176         206           27         57         87         117         147         177         207   |       | 20  | ]   |       |          |   |       |          |   |       |          |  |       |          |          |           |          |          |          |          |
| 23     53     83     113     143     173     203       24     54     84     114     144     174     204       25     55     85     115     145     175     205       26     56     86     116     146     176     206       27     57     87     117     147     177     207  |       | 21  | ]   |       |          |   |       |          |   |       |          |  |       |          |          |           |          | ]        |          |          |
| 24     54     84     114     144     174     204       25     55     85     115     145     175     205       26     56     86     116     146     176     206       27     57     87     117     147     177     207   |       |   |     |       |          |   |       |          |   |       |          |  |       |          |          |           |          |          |          |          |
| 25         55         85         115         145         175         205           26         56         86         116         146         176         206           27         57         87         117         147         177         207  |       |   |     |       |          |   |       |          |   |       |          |  |       |          |          |           |          | ļ        |          |          |
| 26     56       27     57       86     116       117     147       117     147  |       |   |     |       |          | ] |       |          |   |       |          |  |       |          |          | <u></u> . |          |          |          |          |
| 27         57         87         117         147         177         207  |       |   |     |       |          |   |       |          | ] |       |          |  |       |          |          |           |          | 1        |          |          |
|   |       | 26  | ]   |       |          |   |       |          |   |       |          |  |       |          |          |           |          | 1        | ļ        |          |
| 20 [ 50   |       |   | ]   |       |          | ] |       |          | ] |       |          |  |       |          |          |           |          | 1        |          |          |
|   |       | 28  | ] . |       | 58       |   |       | 88       | ] |       | 118      |  |       | 148      |          |           | 178      |          |          | 208      |
|   |       |   |     |       |          |   |       |          | ] |       |          |  |       |          |          |           |          | 1        |          | 209      |
| 30         60         90         120         150         180         210  |       | 30  |     |       | 60       |   |       | 90       |   |       | 120      |  |       | 150      | <u> </u> |           | 180      | <u> </u> | <u> </u> | 210      |